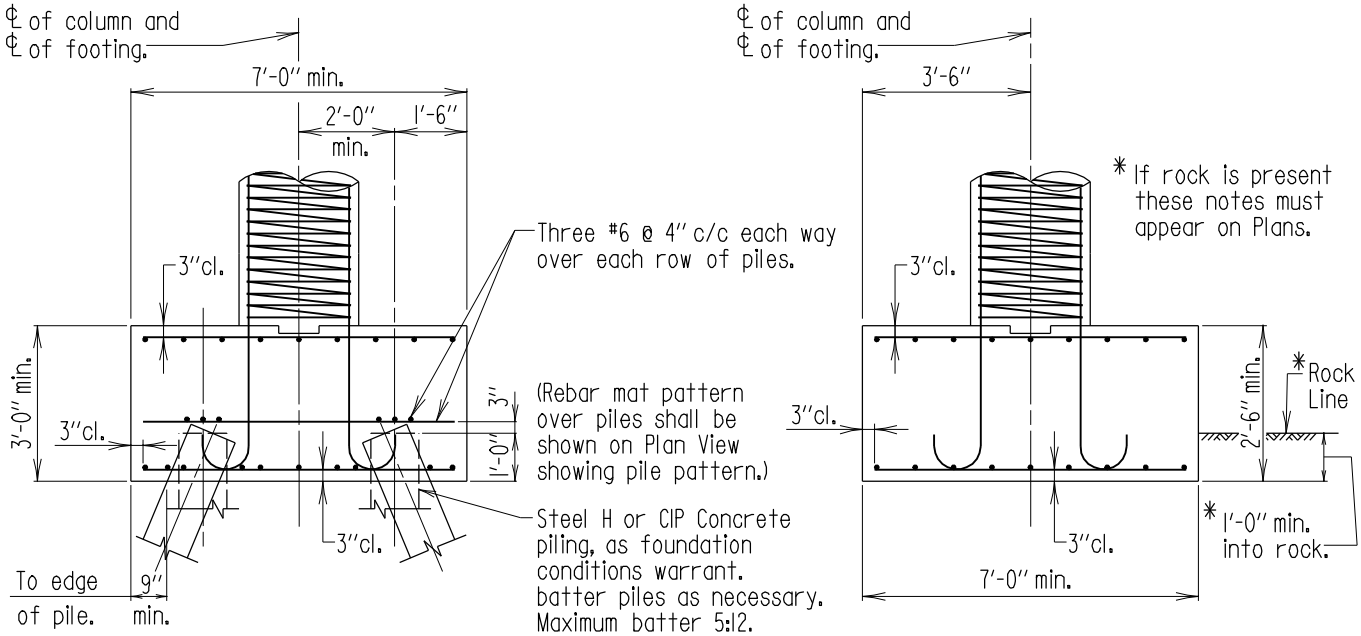
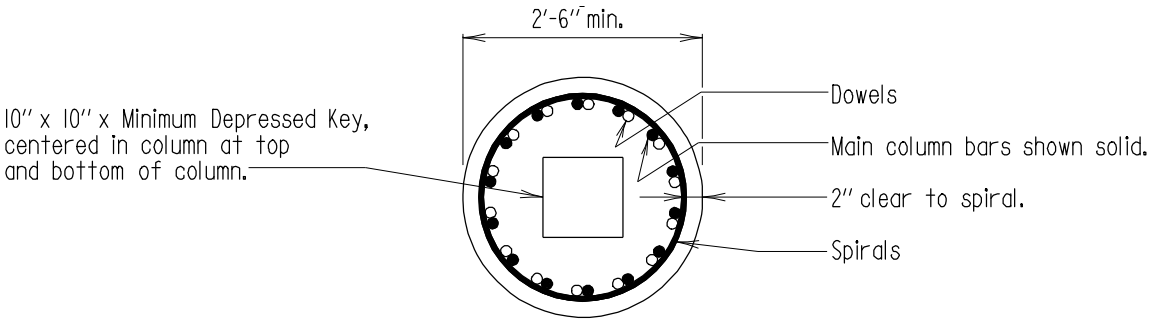


Note:
Where solid rock exists consideration should be given to individual footings, 7'-0" x 7'-0" x 2'-0" minimum size.

SECTION A-A WITH PILES
Scale: 1/4" = 1'-0"

SECTION A-A SPREAD FOOTING
Scale: 1/4" = 1'-0"



SECTION B-B
Scale: 1/2" = 1'-0"

MAXIMUM NUMBER OF MAIN COLUMN BARS			
Column Diameter	Reinforcing Bar Size		
	#9	#10	#11
2'-6"	16	15	14
2'-8"	18	16	15
2'-10"	19	18	17
3'-0"	20	19	18
3'-2"	22	20	19
3'-6"	25	23	22

Note:
1. Reinforcing steel for column spirals shall be cold drawn steel conforming to ASTM A 82.
2. The design bearing pressure for spread footings shall be shown on applicable Pier Sheet thus: "Maximum Design Bearing Pressure for Pier ____ is ____ Tons/s.f."

FOR OFFICE USE ONLY

APPROVAL
E.S. Freedman DIRECTOR OFFICE OF STRUCTURES
DATE: 10/2/81

REVISIONS	
SHA	FHWA
7-20-82	·
3-20-95	·
1-22-01	·
·	·

FHWA APPROVAL
DATE: .

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF STRUCTURES

DESIGN CRITERIA FOR TYPICAL REINFORCED CONCRETE PIER

STANDARD NO. BR-SB(2.01)-81-125 SHEET 4 OF 4

SUBSTRUCTURE - PIER